

## ( 2 ) INFORMATION FOR SEQ ID NO:4:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 15 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:4:

CCTATCCGTA TGGTG

1 5

## ( 2 ) INFORMATION FOR SEQ ID NO:5:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 42 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( i x ) FEATURE:

- ( A ) NAME/KEY: misc\_feature
- ( B ) LOCATION: 11..16
- ( D ) OTHER INFORMATION: /function="HincII recognition site"

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GTACGTCTAT GTCAACATCC GTATGGTGGA TAACGTCTTT CA

4 2

## ( 2 ) INFORMATION FOR SEQ ID NO:6:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 33 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GGAATTCATC CGTATGGTGG ATAACGTCTT TCA

3 3

## ( 2 ) INFORMATION FOR SEQ ID NO:7:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 33 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TGACAGCATG ATAGAGCGGC ACTGAGATCC CCT

3 3

## ( 2 ) INFORMATION FOR SEQ ID NO:8:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 33 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:8:

TTCAATTGGCA CATAAACAGC GCGTACTCG ACC

3 3

## ( 2 ) INFORMATION FOR SEQ ID NO:9:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 36 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:9:

TTGAATAGTG CCTTACTTGT TGACGCAAGC CATCTG

3 6

## ( 2 ) INFORMATION FOR SEQ ID NO:10:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 35 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:10:

TTGAAGTAAG GCACTATTGT TGACTCGCTG AACCG

3 5

## ( 2 ) INFORMATION FOR SEQ ID NO:11:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 12 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

## ( i i ) MOLECULE TYPE: DNA (genomic)

## ( v i ) ORIGINAL SOURCE:

- ( A ) ORGANISM: Mycobacterium tuberculosis

## ( x i ) SEQUENCE DESCRIPTION: SEQ ID NO:11:

TCCATGGTCC TC

1 2

## ( 2 ) INFORMATION FOR SEQ ID NO:12:

## ( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 13 base pairs
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear